

ECS Configuration Change Request

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1. Originator R. Haynes	2. Log Date: 11/20/02	3. CCR #: 02-1027	4. Rev:	5. Tel: 925-0932	6. Rm #: 2110F	7. Dept. SED
8. CCR Title: Install GigE at GSFC to Support MODIS Flows						
9. Originator Signature/Date R. Haynes /s/ 11/20/02			10. Class II	11. Type: CCR	12. Need Date: 12/15/02	
13. Office Manager Signature/Date J. Mather /s/ 11/20/02			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (<i>Review and submit checklist</i>): 920-TDG-001, 921-TDG-002, 921-TDG-003, 921-TDG-004			17. Schedule Impact: N/A		18. CI(s) Affected: ISS	
19. Release Affected by this Change: N/A		20. Date due to Customer: N/A		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) MODIS is adding hosts via GigE.						
24. Proposed Solution: (use additional sheets if necessary) Install the already purchased hardware as follows: Qty 1 - SGI GigE NIC in g0mog01 (already at the GSFC DAAC) Qty 2 - IBM GigE NIC for firewall Qty 1 - Cisco 3508 GigE Ethernet switch with 4 Cisco GBIC for 1000Base-SX <u>Qty 1 - 200ft Multi Mode full-duplex fiber cable w/SC connectors, and Qty 1 - 100ft Multi Mode full-duplex fiber cable w/SC connectors</u>						
25. Alternate Solution: (use additional sheets if necessary) none						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The new MODIS hosts will not be able to communicate with the GSFC DAAC.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:	31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): Gary Gavigan /s/ 11/26/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS
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ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** R. Haynes

Telephone: 925-0932 **Office:** 2110F

Title of Change: Install GigE at GSFC to Support MODIS Flows

The IP assignments are as follows:
 Firewall, MODIS interface NIC = 192.168.22.1/24
 Firewall, GSFC DAAC interface NIC = 192.168.23.1/24
 g0mog01 NIC = 192.168.23.2 /24
 3508 GigE switch = 198.118.210.162
 mo2 = 192.168.22.2/24
 mtvs3 = 192.168.22.3/24

CM01AJA00 Revised 8/2/02

ECS